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RAILROADS AT QUINQUENNIAL PERIODS.							
States.	1829.	'34.	'39.	'44.	'49.	'54.	'59.
Maine	12	64	87	407	486
N. Hamp'g . . . . .	..	..	..	3	134	649	653
Vermont . . . . .	..	..	..	..	93	516	578
Mass'ts	3	3	144	465	948	1,306	1,328
R. Islnd.	50	50	50	50	101
Connecti't	36	238	326	591	602
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N.England	3	3	242	820	1,638	3,519	3,728
New York	39	325	722	953	2,393	2,726	
N. Jersey	77	124	186	195	411	554	
Pennsylv'a	25	318	562	893	981	1,627	2,678
Delaware	16	16	16	16	49	114
Maryland	88	181	254	324	412	454	
Dis. of Columbia	3	3	3	3
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Md'e States	25	538	1,208	2,074	2,472	4,895	6,530
Virginia	93	125	223	303	1,122	1,643	
N. Carolina . . . . .	..	..	87	154	403	693	
S. Carolina	137	137	204	204	754	873	
Georgia	100	452	609	971	1,179	
Florida	24	26	198	
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S. Atl. States	230	362	966	1,324	3,276	4,585	
Alabama	46	46	46	113	302	582	
Mississippi	26	60	159	604	
Louisiana	40	40	40	66	172	281	
Texas	32	205	
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Gulf States	86	86	112	239	665	1,672	
Arkansas	38	
Missouri	37	547	
Tennessee	317	876	
Kentucky	15	25	28	28	122	498	
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S. W. States	15	25	28	28	476	1,959	
Ohio	84	274	2,394	2,978	
Indiana	86	1,482	1,939	
Illinois	22	22	1,692	2,774	
Michigan	206	270	527	777	
Wisconsin	195	837	
Iowa	37	344	
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N. W. States	312	652	6,307	9,750	
California	22	
U. States	28	872	1,923	4,312	6,353	19,138	28,238

ANNUAL MILEAGE OF RAILROADS.			
Years.	Miles.	Year.	Miles.
1828	3	1844	4,312
1829	28	1845	4,670
1830	41	1846	4,836
1831	54	1847	5,282
1832	131	1848	5,679
1833	576	1849	6,353
1834	872	1850	7,312
1835	988	1851	9,090
1836	1,102	1852	11,631
1837	1,412	1853	13,379
1838	1,843	1854	19,138
1839	1,923	1855	21,069
1840	2,167	1856	23,761
1841	3,319	1857	25,966
1842	3,877	1858	28,238
1843	4,174		

ANNUAL INCREASE OF MILEAGE.			
1829	25	1844	138
1830	13	1845	358
1831	13	1846	160
1832	77	1847	446
1833	445	1848	397
1834	296	1849	674
1835	116	1850	959
1836	114	1851	1,778
1837	310	1852	2,541
1838	431	1853	1,748
1839	80	1854	5,759
1840	244	1855	1,931
1841	1,142	1856	2,692
1842	558	1857	2,205
1843	297	1858	2,272
Total			28,238

METEOROLOGICAL REPORTS.

The following extracts are from the private journal of a lady of remarkably accurate habits and especially careful in her observations. They give the dates of the various indications of Spring, in consecutive series, for twenty years from 1823 to 1842. The observations were made in every instance upon the same plants growing in the same position, and under the same circumstances. They present an interesting illustration of the manner in which almost every one may, some way or another, advance the cause of science; and how, without scientific arrangement, a valuable amount of information can be extracted from the data obtained. The place of observation was upon the banks of the Passaic, New-Jersey, on tide water—lat. 40° 48'; long. 74° 8'.

We have condensed the observations into into tabular form to show the way in which such observations can be best rendered of interest, and the deductions made most apparent. By reference to the table, it will be readily seen how much greater the variation from season to season is in the advent of the early harbingers of Spring, than in those that come later, there being a difference of forty-eight days in the appearance of frogs, while there is only sixteen days difference in the blooming of tulips.

Notes of similar observations, showing the dates of first, and killing frosts, in the fall, would be of great interest.

Year.	Anem- one.	Flower ^g Almond.	Tulips	Judas Tree.	Single Narciss ^s	Double Narciss ^s	Snow Drops.	Lilacs.	Colum- bines.	Uval- aria.	Asparg ^s on table.	Lily of valley.	Rosa Ferex.	
1823.....	21 Apl.	7 May.	11 May.	19 May.	.....	19 May	.....	19 May.	26 May.	25 Apl.	24 Apl.	.....	.....
1824.....	14 " 1824	26 Apl.	.....	.....	.....	.....	.....	.....	.....	26	27	24	.....
1825.....	25 Mar.	20 " 1825	.....	.....	.....	.....	.....	.....	.....	26	27	24	.....
1826.....	8 Apl.	4 May.	6 May.	9 May.	.....	.....	.....	.....	14 May.	26	27	24	.....
1827.....	6 " 1827	14 Apl.	27 Apl.	28 Apl.	.....	.....	.....	.....	11 " 1827	.....	.....	.....	.....
1828.....	3 " 1828	27 " 1828	4 May.	6 May.	.....	.....	.....	.....	.....	.....	.....	.....	.....
1829.....	24 " 1829	6 May.	11 " 1829	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1830.....	12 Apl.	24 Apl.	28 Apl.	28 Apl.	.....	.....	.....	.....	.....	.....	.....	.....	.....
1831.....	12 Apl.	28 " 1831	2 May.	4 May.	.....	.....	.....	.....	.....	.....	.....	.....	.....
1832.....	.....	4 May.	6 " 1832	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1833.....	.....	22 Apl.	27 Apl.	1 May.	.....	.....	.....	.....	.....	.....	.....	.....	.....
1834.....	.....	10 May.	3 May.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1835.....	.....	11 " 1835	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1836.....	.....	8 " 1836	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1837.....	.....	12 " 1837	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1838.....	.....	16 " 1838	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1839.....	.....	27 Apl.	28 Apl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1840.....	.....	25 Apl.	30 " 1840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1841.....	.....	13 May.	12 May.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1842.....	.....	22 Apl.	26 Apl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Range-Days	30	32	16	21	22	16	22	30	22	15	21	24	28	
Year.	White Crocus.	Yellow Crocus.	Blue Crocus.	White Violet.	Blue Violet.	Frogs beard.	Pert- winkle.	Cup Daffodill.	Double Daffodill.	Pink Hy- acinth.	Blue Hy- acinth.	White Hyacinth.	Blue Bottle.	Clayto- nia.
1823.....	.....	8 Apl.	.....	8 Apl.	15 Apl.	.....	18 Apl.	.....	.....	.....	.....	.....	.....	.....
1824.....	.....	20 Mar.	.....	27 Mar.	27 Mar.	.....	6 " 1824	.....	.....	.....	.....	.....	.....	.....
1825.....	.....	6 " 1825	.....	15 " 1825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1826.....	9 Mar.	11 " 1826	13 Mar.	23 " 1826	24 " 1826	3 Mar.	17 Mar.	.....	.....	.....	.....	.....	.....	.....
1827.....	.....	11 " 1827	.....	26 " 1827	26 " 1827	7 " 1827	5 " 1827	.....	.....	.....	.....	.....	.....	.....
1828.....	28 Feb.	5 " 1828	12 Mar.	13 " 1828	10 Apl.	22 Feb.	10 Mar.	27 Mar.	20 " 1828	.....	.....	.....	.....	.....
1829.....	29 Mar.	31 " 1829	6 Apl.	.....	10 " 1829	28 Mar.	13 Apl.	14 Apl.	11 Apl.	.....	.....	.....	.....	.....
1830.....	14 " 1830	18 " 1830	22 Mar.	.....	23 Mar.	.....	24 Mar.	30 Mar.	29 Mar.	.....	.....	.....	.....	.....
1831.....	7 " 1831	12 " 1831	23 " 1831	23 Mar.	2 Apr.	5 " 1831	7 Apl.	.....	.....	.....	.....	.....	.....	.....
1832.....	13 " 1832	22 " 1832	25 " 1832	.....	39 Mar.	8 " 1832	28 Mar.	1 Apl.	4 Apl.	.....	.....	.....	.....	.....
1833.....	21 " 1833	22 " 1833	24 " 1833	.....	20 Mar.	18 " 1833	1 Apl.	1 " 1833	31 Mar.	.....	.....	.....	.....	.....
1834.....	9 " 1834	19 " 1834	20 " 1834	.....	6 Apl.	16 " 1834	8 " 1834	9 Apl.	4 Apl.	.....	.....	.....	.....	.....
1835.....	27 " 1835	2 Apl.	3 Apl.	6 Apl.	6 Apl.	16 " 1835	10 " 1835	19 " 1835	13 " 1835	.....	.....	.....	.....	.....
1836.....	5 Apl.	9 " 1836	8 " 1836	.....	15 " 1836	8 Apl.	10 " 1836	17 " 1836	14 " 1836	.....	.....	.....	.....	.....
1837.....	2 " 1837	6 " 1837	10 " 1837	.....	1 " 1837	18 Mar.	11 " 1837	13 " 1837	10 " 1837	.....	.....	.....	.....	.....
1838.....	.....	.....	31 Mar.	2 Apl.	2 " 1838	31 Mar.	24 " 1838	6 " 1838	5 " 1838	.....	.....	.....	.....	.....
1839.....	27 Mar.	.....	.....	27 Mar.	27 Mar.	21 Feb.	1 Apl.	5 " 1839	29 Mar.	.....	.....	.....	.....	.....
1840.....	10 " 1840	.....	13 Mar.	.....	16 " 1840	21 Mar.	1 Apl.	5 " 1840	15 Apl.	.....	.....	.....	.....	.....
1841.....	26 " 1841	.....	26 " 1841	.....	.....	19 Feb.	10 Mar.	20 Mar.	18 Mar.	.....	.....	.....	.....	.....
1842.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Range-Days	37	35	29	26	44	48	39	30	28	26	26	28	16	25

